

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188 Exp. Date: Jun 30, 1986	
1. TITLE Contractor's Progress, Status and Management Report		2. IDENTIFICATION NUMBER DI-MGMT-80227		
3. DESCRIPTION/PURPOSE 3.1 The Contractor's Progress, Status and Management Report indicates the progress of work and the status of the program and of the assigned tasks, reports costs, and informs of existing or potential problem areas.				
4. APPROVAL DATE (YYMMDD) 860905	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) N/SPAWAR	6a. DTIC REQUIRED	6b. GIDEP REQUIRED	
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement for this data included in the contract. 7.2 This DID may be applied in any contract and during any program phase. 7.3 This DID supersedes DI-A-2090A, DI-A-3025A, UDI-A-22050B, UDI-A-22052A, UDI-A-23960, DI-A-30024, and DI-A-30606. (cont. on page 2)				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER N3947	
10. PREPARATION INSTRUCTIONS 10.1 <u>Contract</u> - This data item is generated by the contract which contains a specific and discrete work task to develop this data product. 10.2 <u>Format</u> - This report shall be typewritten on standard size (e.g. 8 1/2" by 11") white paper, and securely stapled. Pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. The report shall be prepared in the contractor's format and shall be legible and suitable for reproduction. 10.3 <u>Content</u> - The report shall include: a. A front cover sheet which includes the contractor's name and address, the contract number, the nomenclature of the system or program, the date of the report, the period covered by the report, the title of the report, either the serial number of the report or the Contract Data Requirements List (CDRL) sequence number, the security classification, and the name of the issuing Government activity; b. Description of the progress made against milestones during the reporting period; c. Results, positive or negative, obtained related to previously-identified problem areas, with conclusions and recommendations; d. Any significant changes to the contractor's organization or method of operation, to the project management network, or to the milestone chart; e. Problem areas affecting technical or scheduling elements, with background and any recommendations for solutions beyond the scope of the contract; f. Problem areas affecting cost elements, with background and any recommendations for solutions beyond the scope of the contract; g. Cost curves showing actual and projected conditions throughout the contract; h. Any cost incurred for the reporting period and total contractual expenditures as of reporting date; i. Person-hours expended for the reporting period and cumulatively for the contract; j. Any trips and significant results; (cont. on page 2)				

7. APPLICATION/INTERRELATIONSHIP (Cont'd)

- 7.4 Paragraphs 10.3.f, 10.3.g, and 10.3.h herein should be tailored on DD Form 1423 when such cost data is already submitted through a sophisticated cost reporting system under the contract.
-

10. PREPARATION INSTRUCTIONS (Cont'd)

- ~~k. Record of all significant telephone calls and any commitments made by telephone;~~
- ~~l. Summary of Engineering Change Proposal (ECP) status, including identification of proposed ECPs, approved ECPs, and implemented ECPs;~~
- m. Contract schedule status;
- n. Plans for activities during the following reporting period;
- o. Name and telephone number of preparer of the report;
- p. Appendixes for any necessary tables, references, photographs, illustrations, and charts.

DATA ITEM DESCRIPTION				Form Approved OMB No 0704-0188	
1 TITLE Special Equipment Tools and Test Equipment List			2. IDENTIFICATION NUMBER DI-ILSS-80868		
3 DESCRIPTION/PURPOSE 3.1 A listing of unique tools and test equipment required for the repair and use of the end item. The listing is intended to be used by the government to determine provisioning requirements for special equipment.					
4 APPROVAL DATE (YYMMDD) 890629		5 OFFICE OF PRIMARY RESPONSIBILITY (OPR) S/DPSC-RST		6a DTIC APPLICABLE 6b GIDEP APP. CABLE	
7 APPLICATION/INTERRELATIONSHIP 7.1 This DID contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.					
8 APPROVAL LIMITATION			9a APPLICABLE FORMS		9b AMSC NUMBER S4771
10 PREPARATION INSTRUCTIONS <div style="margin-left: 20px;"> <p>10.1 <u>General</u>. The list shall contain a listing of unique items required to inspect, test, calibrate, service, repair or overhaul the end item. The list should be comprised of items other than those listed in Table I.</p> <p>10.2 <u>Format and Content</u>. The list shall be in the format shown on the sample data sheet in Table II. The first page of the listing shall include the identification information described in 10.2.1. The listing data shall have the format and content described in 10.2.2 to 10.2.6. Note, sample data is included in Table II for clarity.</p> <p>10.2.1 <u>Heading Data</u>. The top portion of the list shall consist of information to permit the identification of the end item with the listing i.e. Item Name, NSN, Contractor Name (Source), Reference or Part number, and Contract number.</p> <p>10.2.2 <u>Line Item Control</u>. Column 1 of the list shall be used for sequential line item control, commencing with the first line item (Item No.) on the first page and continuing to the last line item on the last page of the listing. Each line item shall represent a single support item.</p> </div>					
Continued on Page 2					
11 DISTRIBUTION STATEMENT <div style="margin-left: 40px;"> <p><u>DISTRIBUTION STATEMENT A</u>: Approved for public release; distribution is unlimited.</p> </div>					

Block 10, Preparation Instructions (Continued)

10.2.3 Commercial and Government Entity code(s). Column 2 of the list shall indicate the Commercial and Government Entity (CAGE) code(s) for each line item. Each line item shall list one or more entries. The first entry shall reflect the original manufacturers code (if available). Additional entries shall be included for the end item manufacturer or other sources for the support item.

10.2.4 Catalog Number. Column 3 of the list shall indicate the part or catalog number assigned to the support item for each CAGE. If no CAGE code exists the part number shall still be listed. Refer to 10.2.3 for additional CAGE information.

10.2.5 Approved Item Name. Column 4 of the list shall indicate the Approved Item Name which is listed in the H6 series of the Federal Item Name Directory, or the name assigned to the part by the manufacturer.

10.2.6 Unit Price. Column 5 of the list shall indicate an estimate of the Unit Price.

~~Block 10. Preparation Instructions (Continued)~~~~TABLE I. Test Equipment and Tool Kit List~~

<u>Nomenclature</u>	<u>KIT</u>	<u>A</u>	<u>B1</u>	<u>B2</u>	<u>C</u>
Calibrator-Analyzer, Pneumatic		X	X	X	X
Defibrillator Tester		X	X	X	X
Electrical Safety Analyzer		X	X	X	X
Electrical Counter		X	X	X	X
Electrosurgical Tester		X	X	X	X
IV Infusion Pump Analyzer				X	X
Light Meter		X	X	X	X
Multimeter, Digital		X	X	X	X
Multimeter, Digital, mAs			X	X	X
Oscilloscope, Dual Trace, Storage			X	X	X
Oscilloscope, Storage		X	X	X	X
Patient Simulator, ECG/BP		X	X	X	X
Phototachometer		X	X	X	X
Portable Densitometer		X	X	X	X
Printed Circuit Board Tester				X	X
Shop Set, Depot				X	
Signal Generator		X	X	X	X
Test Set, Electronic Circuit			X	X	X
Tester, Stylus		X			
Tool Kit, Medical Equipment, Repairman		X	X	X	X
Tool Kit, Medical Equipment, Organizational		X	X	X	X
Transistor Tester		X	X	X	X
Ultrasound Radiometer				X	X
X-Ray Calibration and Verification System		X	X	X	X
X-Ray Cassette, KVP		X	X	X	X
X-Ray Pulse Timer		X	X	X	X

DI-ILSS-80868

Block 10, Preparation Instructions (Continued)

TABLE II. Sample Data Sheet. Tools and Test Equipment List

End Item Name: <u>Sterilizer, Vacuum</u> End Item Source: <u>Company XYZ</u> Contract No: <u>DLA12087R1234</u>				
End Item NSN: <u>6530-01-123-1234</u> Reference No: <u>Model A-12</u>				
<u>Tools and Test Equipment List</u>				
<u>1</u> <u>ITEM No</u>	<u>2</u> <u>CAGE</u>	<u>3</u> <u>PART No</u>	<u>4</u> <u>ITEM NAME</u>	<u>5</u> <u>UNIT PRICE</u>
0001	12312 80307	E10 E10	Thermometer. Lag with case	94.33
0002	80307	E11A	Indicator, Absolute Pressure, 710B, Heise	973.33
0003	80307	L115	Wrench, Safety Key	18.30
0004	80307	L117	Wrench, Safety Key	8.50
PAGE 1 of				

DATA ITEM DESCRIPTION

Title: TECHNICAL REPORT - STUDY/SERVICES

Number: **DI-MISC-80508A**

Approval Date: 7 November 2000

Office of Primary Responsibility: G/TS-ALS

GIDEP Applicable: No

Applicable Forms: No

AMSC Number: G7408

DTIC Applicable: Defense Technical Information Center (DTIC), 8725 John J. Kingman Rd.,
Ste. 0944, Ft. Belvoir, VA 22060-6218

Use/Relationship

A technical report provides fully documented results of studies or analyses performed.

This data item description contains the format and content instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

This DID supersede DI-MISC-80508.

Requirements:

1. Format.

- ~~—(a) The report and all attachments shall be typewritten, or otherwise clearly lettered, and shall be duplicated using non-fading ink.~~
- ~~—(b) Text shall be prepared on standard letter size paper (8 1/2" x 11").~~
- ~~—(c) When attachments are included, they shall be fully identified, referenced in the text, and folded to conform to the size paper used in the report.~~
- ~~—(d) Security classification and distribution markings shall conform to the requirements of the contract, purchase description and security requirements checklist, as applicable.~~

2. Content.

- (a) Title Page - Identifies the report by providing contract number, project name or purchase description title, task number, and reporting period.
- (b) Table of Contents
- (c) Section I - Includes the following:
 - (1) Introduction
 - (2) Summary - A brief statement of results obtained from the analytic effort.
 - (3) Conclusions and their condensed technical substantiation's.
- (d) Section II - A complete and detailed description of the analytic results which led to the conclusions stated in Section I above.

DATA ITEM DESCRIPTION			Form Approved OMB No 0704-0188	
1 TITLE Training Materials		2 IDENTIFICATION NUMBER DI-ILSS-80872		
3 DESCRIPTION/PURPOSE 3.1 Provides the minimum materials required to support a military services training program on the end item equipment.				
4 APPROVAL DATE (YYMMDD) 890629	5 OFFICE OF PRIMARY RESPONSIBILITY (OPR) S/DPSC-RST	6a DTIC APPLICABLE	6b GIDEP APPLICABLE	
7 APPLICATION/INTERRELATIONSHIP 7.1 This DID contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.				
8 APPROVAL LIMITATION		9a APPLICABLE FORMS		9b AMSC NUMBER S4775
PREPARATION INSTRUCTIONS 10.1 <u>General</u> . The training materials shall be suitable for application in a self-paced, self-directed format. The materials shall contain sufficient written or audio-visual instructions to guide students through all specified didactic and hands-on training without a need for instruction lectures and with a minimum requirement for instructor interface with students. Existing manufacturer's training and service manuals can be used in so far as they meet specified requirements. The role of the instructor will be to observe and evaluate student progress, to answer questions, provide supplemental training when necessary, and to insert training malfunctions into the equipment. The training materials should be for students with prerequisite knowledge of electronics theory, use of general electronic test equipment, and a basic knowledge of hand tools. 10.1.1 <u>Format</u> . The materials provided shall be in the contractor's own format. However, each text shall include a table of contents. This shall include a listing of all major subjects and the page number on which they appear. 10.2 <u>Contents</u> . The training materials shall consist of a programmed text, instructor guidance and supplemental written and audio-visual material used to support a training program. All instruction, information, and schematics shall be in the English language and use standard symbology.				
Continued on Page 2				
11 DISTRIBUTION STATEMENT <u>DISTRIBUTION STATEMENT A:</u> Approved for public release; distribution is unlimited.				

Block 10. Preparation Instructions (Continued)

10.2.1 Programmed Text. The programmed text shall be designed to guide the student through the clinical application, operation, inspection, adjustment, troubleshooting, and repair of the equipment. The programmed text shall be divided into the sections listed below. ~~Each section, except as noted, shall include at the end a written or practical exercise to evaluate student understanding of information provided in that section.~~ Each section may refer the student to other supplemental written or audio-visual material (transparencies, 35mm slides, charts, or VHS format video cassettes), which shall be included in the package. The following lists the requirements for each section. Additional sections and material can be added.

10.2.1.1 Required Material. This section shall list all equipment and material required by the student to complete the programmed text, including test equipment, audio-visual material, tools, supplies, and simulators. No student exercise is required.

~~**10.2.1.2 Clinical Application.** This section shall give a detailed explanation of the equipment's diagnostic or therapeutic use in the medical environment. The purpose of this section is to give the student sufficient background information on medical applications and terminology associated with the equipment to communicate with medical personnel using it. This section may be combined with the following section.~~

10.2.1.3 Operating Procedures. This section shall guide the student step-by-step through the hands-on operation of the equipment from start-up to shut-down. The instructions will be sufficiently detailed to allow the student to operate and evaluate performance of all operator accessible controls and functions. ~~It shall also include sufficient information for interfacing the equipment with the patient or simulators for routine use, as applicable.~~ Before the student is instructed to operate the equipment, all safety precautions to prevent injury or equipment damage shall be clearly explained. The purpose of this section is to give the student sufficient information to operate the unit and conduct in-service user training classes.

10.2.1.4 Routine Inspection. This section shall guide the student step-by-step through routine inspection of the unit to assure proper and safe operation. Inspection shall be listed in a checklist format, followed with detailed information if needed. This section should include:

- (1) Daily user maintenance or performance checks.
- (2) Monthly or annual preventive maintenance inspection to include inspection of components subject to wear, routine servicing requirements such as lubrication or filter changes, safety inspection, tolerance, and frequency of inspection.

Block 10, Preparation Instructions (Continued)

10.2.1.5 Calibration. This section shall list all adjustments and calibrations required to assure accurate and safe operation of the equipment, including frequency and tolerances. This shall include user daily calibration, periodic calibration, and calibration/adjustments required to bring the unit back into specifications. All test equipment and simulators required to perform these calibrations or adjustments shall be listed.

10.2.1.6 Troubleshooting. This section will explain in detail how all functions of the system operate, including detailed circuit theory. In the course of explaining theory of operation, significant waveforms and voltages will be shown in the text as well as proper equipment hookup to measure these. A troubleshooting guideline shall be given to help the student locate common problems. Warnings shall clearly be listed when improper test equipment hookup might cause personal injury or damage to equipment.

10.2.1.7 Repair. This section shall show the student how to repair high failure parts (including malfunctions inserted by instructor) remove equipment covers/access panels, disassemble major systems, and reassemble. Warnings shall clearly be stated if injury or equipment damage can be caused by improper disassembly (e.g.: counter balances). Specialized tools required shall be listed.

10.2.2 Instructor Guidance. Guidance for instructors to use in applying the programmed text shall be provided under separate cover. The guidance shall include:

- (1) Answers to all student exercise.
- (2) Descriptions of points in the programmed text where instructor involvement, observation, or action is necessary or recommended to insure safety or verify student performance.
- (3) Instructional Malfunctions consisting of a listing of various equipment malfunctions to be introduced by the instructor and diagnosed and repaired by the student. A minimum of five malfunctions is required for each separately identifiable system or circuit. The malfunctions should approximate as nearly as possible, problems likely to occur, and may consist of a combination of system maladjustments and bad components. ~~A listing of malfunctions will be given which shall include:~~

~~a. Action required by instructor to install malfunction; exact component to replace or maladjustment to make.~~

~~b. Description of symptom caused by malfunction.~~

~~c. Test equipment and tools required to detect the malfunction.~~

~~d. Suggested allowable time for student to diagnose malfunction.~~

~~e. Availability and cost of bad components to be used as malfunctions.~~

DATA ITEM DESCRIPTION

Title: Transportability Report

Number: DI-PACK-80880C

Approval: 1 November 2003

AMSC Number: A7357

Limitation:

DTIC Applicable: No

GIDEP Applicable: No

Office of Primary Responsibility: MT

Applicable Forms:

Use/Relationship: The Transportability Report will be used to obtain essential information from contractors for evaluating the transportation limitations and restrictions of Department of Defense equipment that qualifies as a transportability problem item.

a. Information acquired through this report will include dimensional and weight characteristics of the item or system, test results of physical transportability testing performed on the equipment, and when available, computer aided design (CAD) models of the equipment to support structural, kinematic, and dynamic analyses of the transportation environment, and results of any CAD structural, kinematic, or dynamic analyses performed by the contractor.

b. This Data Item Description (DID) contains information on the format and data content for the work task described by 4.5 of **MIL-STD-1366D** (or equivalent paragraph in later versions of this standard) and is applicable to acquisition of military systems and equipment that qualify as a transportability problem item. This DID can be tailored to program requirements with approval of the service transportability agent. The applicable service transportability agents are as follows:

Army – MTMC TEA, ATTN: MTTE-DPE, 720 Thimble Shoals Blvd., Suite 130, Newport News, VA 23606, dpemail@tea.army.mil.

Air Force - HQ AFMC/LGRD, 4375 Chidlaw Road, Suite 6, Wright-Patterson AFB, OH 45433-5006, gregory.holevar@wpafb.af.mil.

Navy – Naval Transportation Support Center, Code 02A, 1837 Morris Street, Bldg Z-133, Norfolk, VA 23511-3492, jo.policastro@navy.mil.

Marine Corps - CG, MARCORSYSCOM, ATTN: GTES/Transportability, 2200 Lester Street, Quantico, VA 22134-6050.

c. During acquisition programs this DID should be applied at least 90 days prior to each major milestone decision review.

d. This DID supersedes DI-PACK-80880B.

Requirements:

1. Reference documents. The applicable issue of documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be cited in the current issue of the DODISS at the time of the solicitation.

2. Format. The Transportability Report shall be in the format shown in paragraph 3 of this document.

3. Content. The Transportability Report shall include the following:

(1) Title. TRANSPORTABILITY REPORT.

(2) Points of contact: State contractor name, location, phone number, and email address. State the name, title, organization, and department of individual preparing the transportability report.

(3) Date of Transportability report.

(4) Official nomenclature.

(5) National stock number (if known).

(6) Line Item Number (if known).

(7) Brief description.

(a) Intended use.

(b) List whether commercial, modified commercial, non-developmental, developmental, procurement, or modified equipment.

(c) Specify type of military units that will use or transport the item.

(d) State whether for worldwide use or for specific theater of operations. List specific theater of operations in priority order.

(e) Planned quantity. State item acquisition quantity by fiscal year.

(8) Transportation Data.

(a) Hazardous materials. For each item classified as hazardous material, state:

1. The class of hazardous material as specified in: *Title 49, Code of Federal Regulations* (49 CFR), Parts 100-179, *Transportation*; **AFMAN 24-204(I)**, *Preparing Hazardous Materials for*

Military Air Shipments; International Maritime Organization (IMO), *International Maritime Dangerous Good (IMDG) Code*; or the United Nation's *Recommendation on the Transportation of Dangerous Goods*.

2. DOT proper shipping name.
3. Net explosive weight (DOT class 1, division 1.1, 1.2, or 1.3 explosives only).
4. Venting requirements.
5. Grounding requirements.
6. Any other than above.

(b) Sectionalization and Reduction. State if the item can be sectionalized, folded, or reduced for transport and provide the following information:

1. Time and personnel required to disassemble at port of embarkation and reassemble at port of debarkation (Time: in work and clock hours).

2. Special equipment, tools or software required for sectionalization or reduction (for example, cranes, forklifts, wrecker trucks, pallets, nitrogen, hand tools, calibration equipment, fixtures, or height management system software). All of the data that is required by this DID for the operational equipment, must also be provided for each component(s) or subassembly that exceeds the criteria for a "transportability problem item" (see paragraph 4.4 of **MIL-STD-1366D** or equivalent paragraph in later versions of this standard). For each component(s) or subassembly not exceeding the criteria for a "transportability problem item," provide only the length, width, height and weight of each sectionalized component.

(c) Modeling and simulation (when available). Provide computer aided design (CAD) models of the equipment to support structural, kinematic, and dynamic analyses of the item's transportation environment, or provide results of CAD transportation analyses performed by the contractor.

(d) Transportability tests. A copy of test report(s) (or test plan and scheduled date(s) if not completed) shall be included as a part of this report, when available.

(e) Speed requirements. State self-propelled or towed speed limits.

(f) Shipping data plate. A paper copy of shipping data plate that will be secured to the vehicle shall be included with this report, when available (see **MIL-STD-209**).

(g) Crew Size. State number of soldiers required for a crew.

(h) Photographs. Provide electronic or hardcopy photographs of equipment, when available.

(i) Dimensional and Weight Data sets. A data set shall be provided for all configurations of the equipment. As a minimum, one set of data shall be provided for the fully operational configuration (including gross weight, fuel, lubricants, water, crew, Basic Issue Item (BII) equipment, and so forth), and one set of data shall be provided for the shipping (reduced or sectionalized) configuration. If there are different reduced shipping configurations for various transportation assets and modes, a different set of data shall be provided for each different shipping configuration.

1. Weight. State curb weight and maximum gross weight, and any other intermediate weights for special configurations required to meet specific transport requirements (i.e. fixed-wing air transport or helicopter transport).

2. Drawings (required if CAD models are not provided (see (c))). Indicate top, plan, side, and end view configurations on each drawing. Hardcopy or electronic files are acceptable. Drawings must include all data as shown in Figures 1, 2, or 3, as applicable.

(j) Lifting and tiedown provisions.

1. State the number and strength (yield and ultimate) of lifting (including aerial recovery), equipment tiedown, multipurpose, cargo tiedown, and supplemental air transport tiedown provisions for the item and major components removed for transport.

2. Provide the dimensional location of the lifting, equipment tiedown, multipurpose, and supplemental air transport tiedown provisions (with respect to the CG) as shown in Figure 4.

~~3. Provide the dimensional location of the cargo tiedown provisions as shown in Figure 5.~~

4. Provide the dimensions A, B, C_L, C_S, D, and E, for each lifting, equipment tiedown, multipurpose, and front, rear and center (if required) cargo tiedown provisions, as shown in Figure 6.

~~5. Provide the dimensions A and B for the cargo tiedown provisions, as shown in Figure 7.~~

6. Provide the opening size of the supplemental air transport tiedown provisions.

~~7. Identify the location of hardpoint lifting provisions provided for aerial recovery (if required).~~

(k) Projections. State the dimensions and locations of any significant projections (for example, environmental control units, ladders, protruding tiedown provisions, antennas, shelters, and so forth). See Figures 1, 2, and 3.

(l) Additional information required for **wheeled** vehicles.

1. Weight ratings. Specify the gross vehicle weight rating (GVWR).
2. Tires. State the number, size(s), load rating(s), locations, and inflation pressure of tires.
3. Axle loads. State the axle load, for each axle, for the following configurations:
 - a. Vehicle at curb weight.
 - b. Vehicle at maximum gross weight. (For cargo vehicles, assume a uniform load on the cargo bed).
 - c. Intermediate weights for special configurations required to meet specific transport requirements (i.e. fixed-wing air transport or helicopter transport).
4. Maximum axle load ratings. State maximum axle load ratings for each axle.
5. Kingpin/lunette and fifth wheel/pintle ratings and loads (as applicable).
 - ~~a. State the kingpin/lunette and fifth wheel/pintle ratings and actual loads.~~
 - ~~b. State distance between first axle and kingpin/lunette, and height of kingpin/lunette.~~
 - ~~c. State distance between last axle and fifth wheel/pintle, and height of fifth wheel/pintle.~~
 - ~~d. For trailers, state the required prime movers. For truck tractors, state the trailers to be towed.~~
6. Landing legs (as applicable).
 - ~~a. State rating for landing legs.~~
 - ~~b. State axle loads and landing leg load, when trailer is resting on landing legs. State distance between landing legs and kingpin/lunette.~~
 - ~~c. Provide dimensions of landing legs as shown in Figure 8.~~

7. Suspension type and ratings. State type and load ratings for each suspension.

8. Crest Angle. State the angle (in degrees) connecting two horizontal surfaces that the vehicle can pass (crest) without interference (see Figure 9). Assume the ramp length is equal to or greater than the wheel base of the vehicle.

9. Tire footprint area. State the locations and dimensions of all tire footprint areas actually in contact with the ground in the fully loaded condition, and at the tire inflation pressure specified in paragraph 3.(l).2. (see Figure 10).

10. Axle tracking width. State the tracking width of each axle (see Figure 11).

11. Vehicle turning diameter. State the vehicle turning diameter for the following:

a. Wall-to-wall.

b. Curb-to-curb.

~~(m) Additional information required for tracked vehicles.~~

~~1. Road Wheels. State number of road wheels and road wheel axle spacing.~~

~~2. Track pads. State the area and number of track shoe pads actually in contact with the ground (see Figure 12).~~

~~3. Ground Pressure. Specify the ground pressure created by the heaviest pad (pounds per square inch). State the weight supported by each road wheel (hard surface, level ground).~~

~~(n) Additional information required for skid-mounted equipment.~~

~~1. Number of skids.~~

~~2. Dimensions of all skid areas actually in contact with the ground.~~

~~3. Ground Pressure. Specify ground pressure created by each skid (pounds per square inch).~~

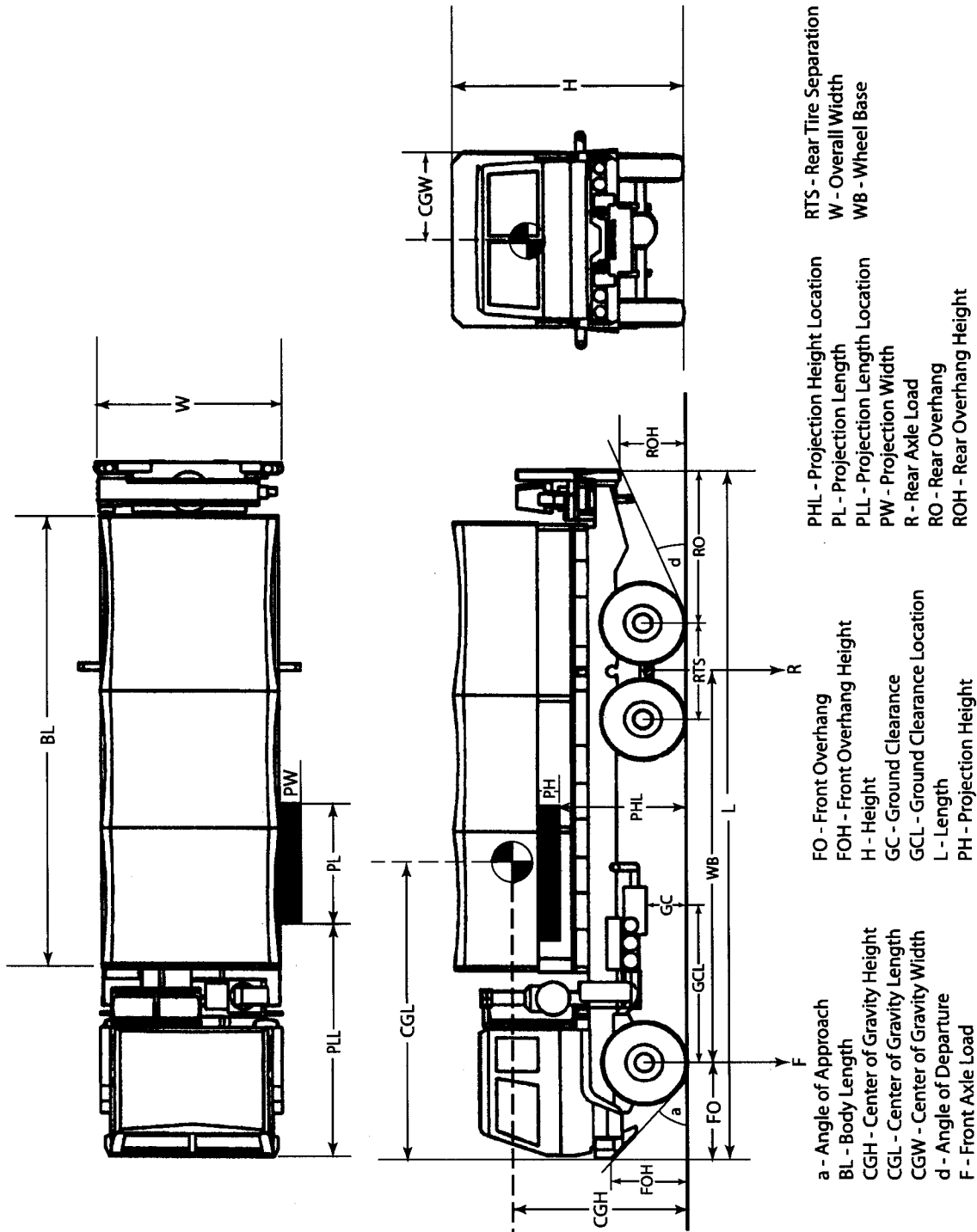


Figure 1 - Wheeled Vehicle Dimensions

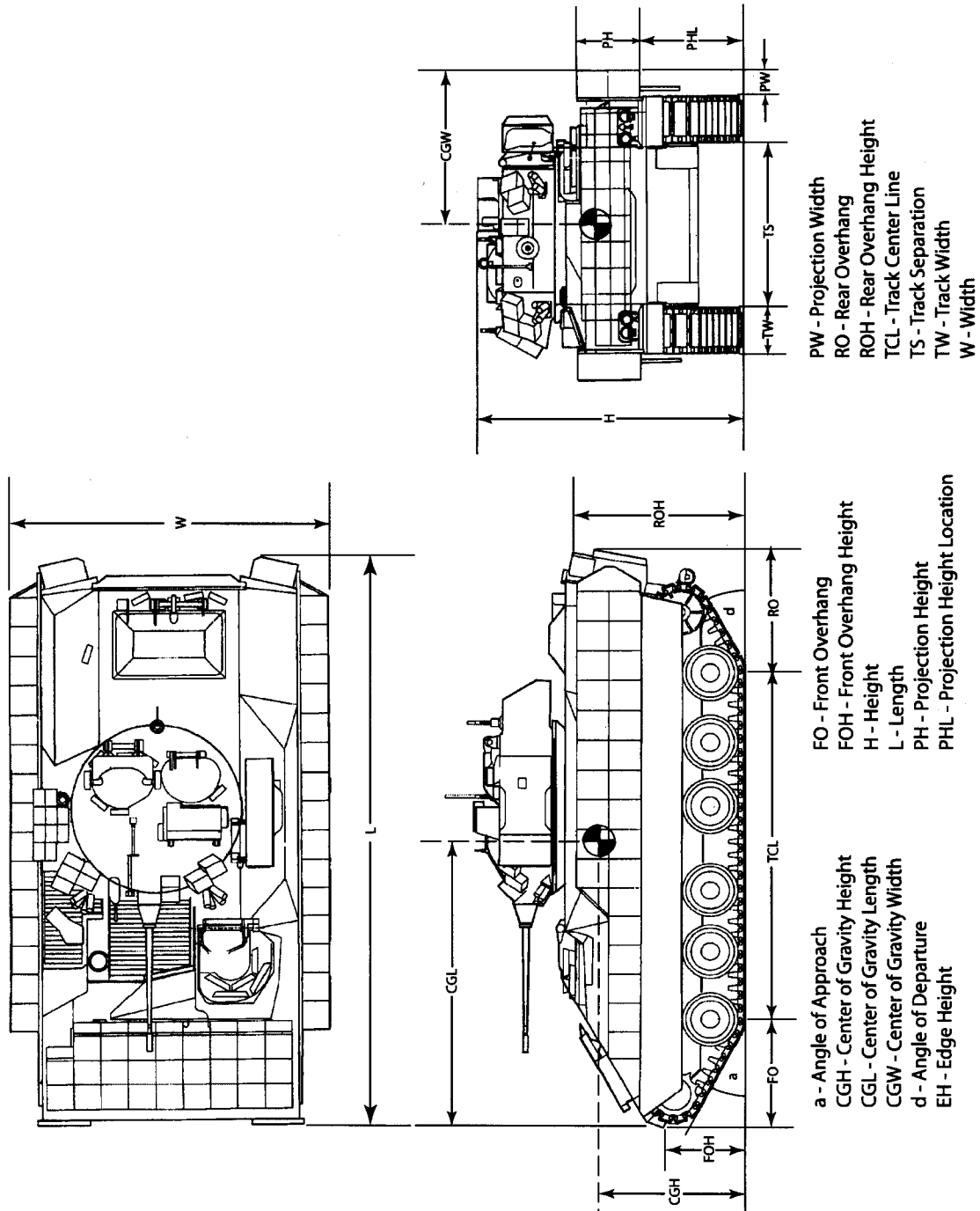


Figure 2 - Tracked Vehicle Dimensions

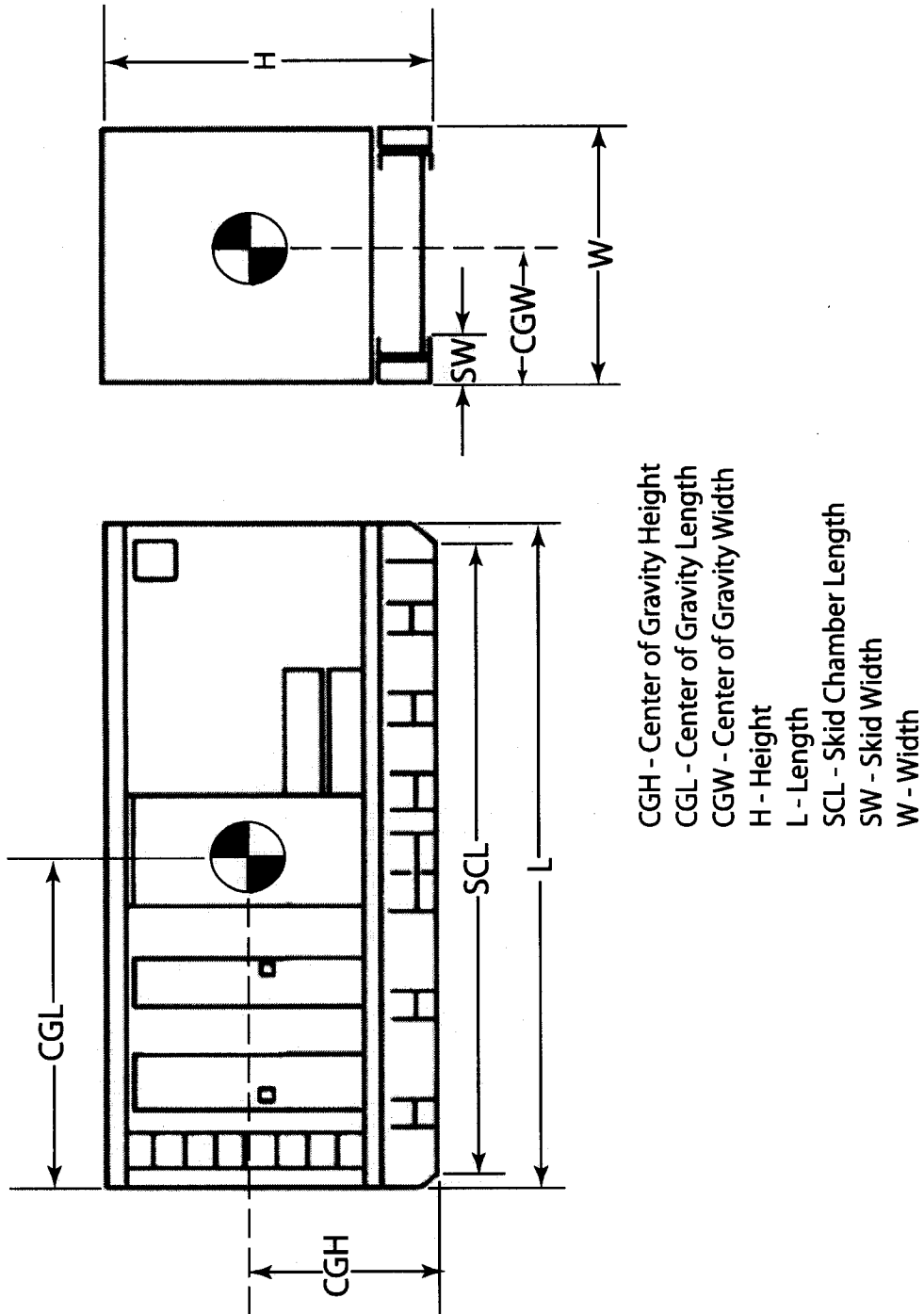


Figure 3 - Skid-Mounted Item Dimensions

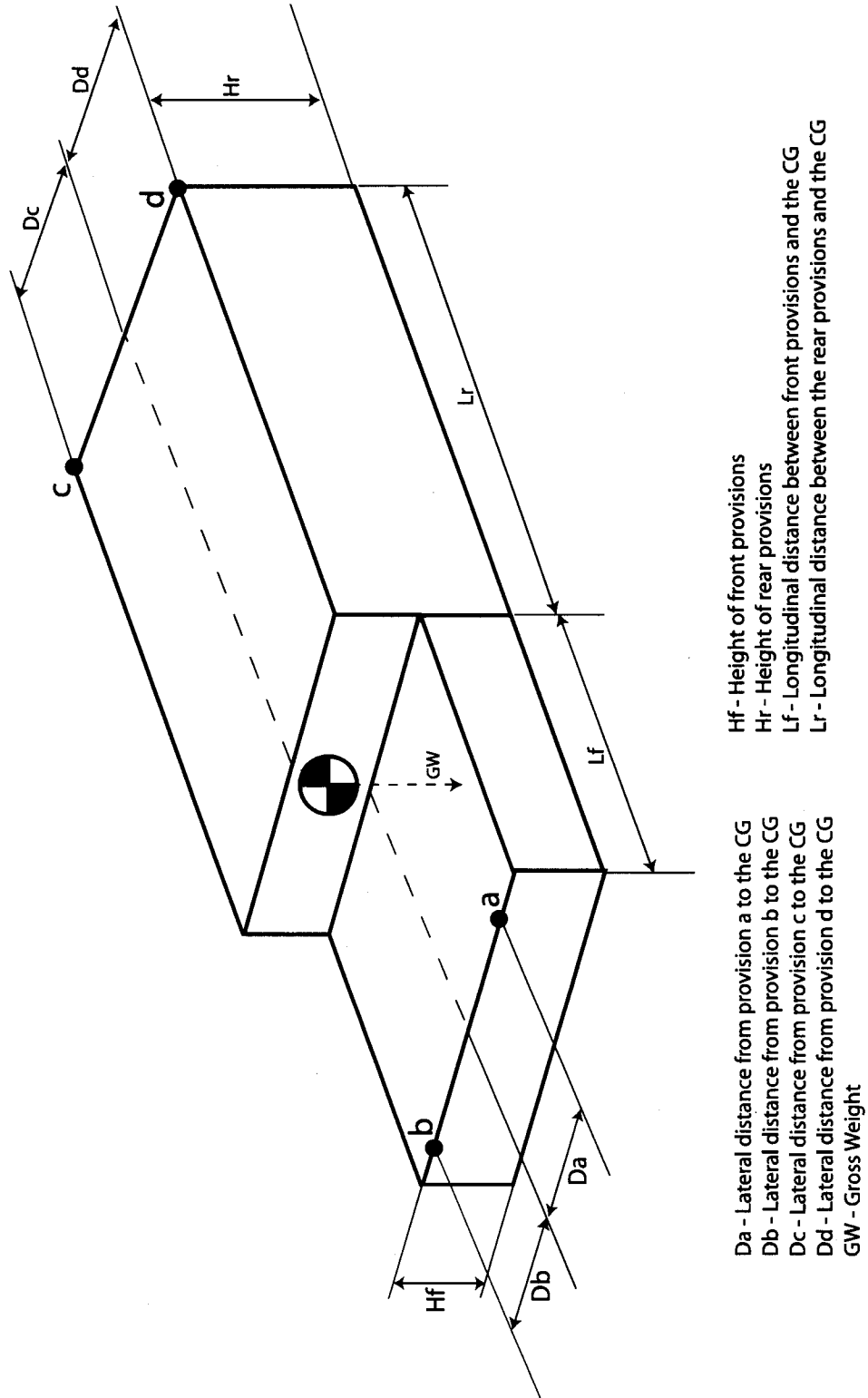
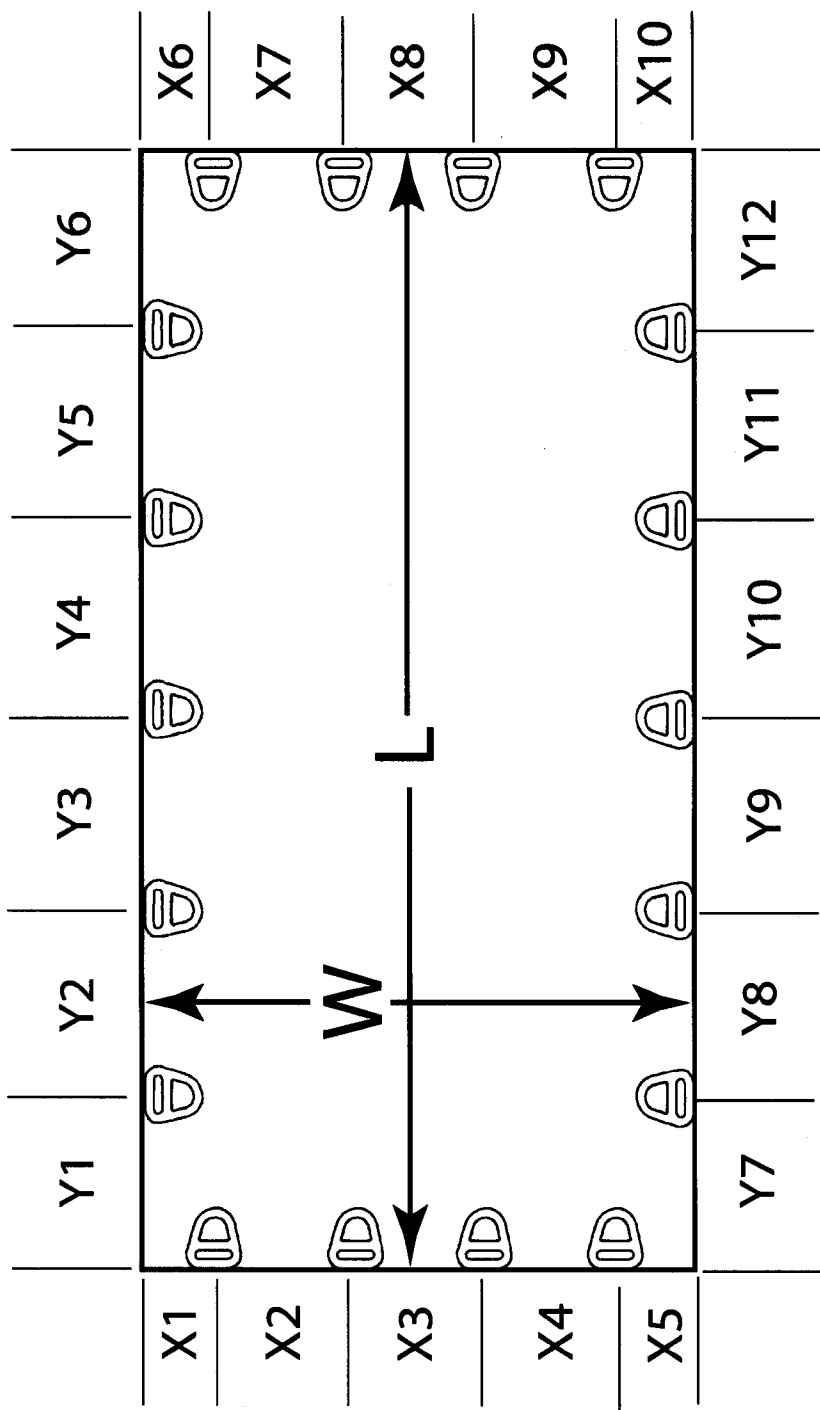
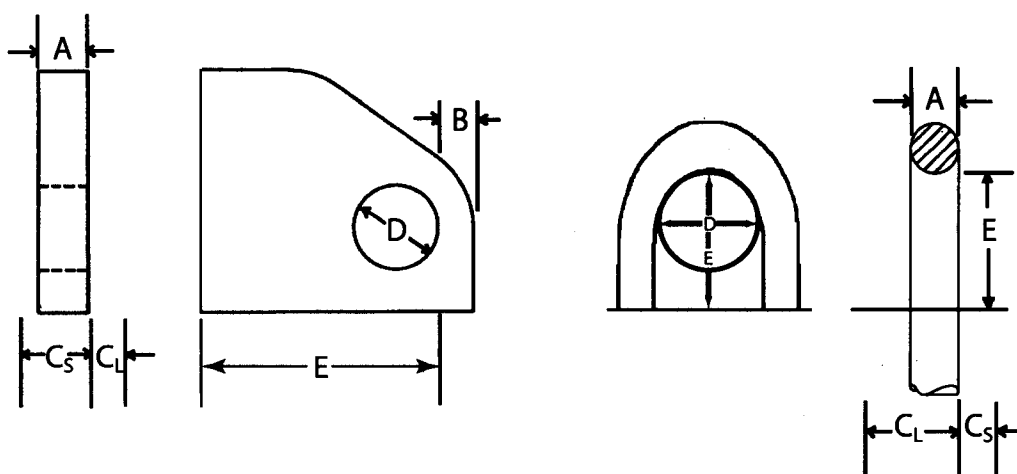


Figure 4 - Dimensions Defining the Location of the Lifting and Tiedown Provisions



- X1-10 - Distance between provisions on front and rear of cargo bed
- Y1-12 - Distance between provisions on left and right side of cargo bed
- W - Width of cargo bed
- L - Length of cargo bed

Figure 5 - Dimensions to Determine Location of Cargo Tiedown Provisions



C_L and C_S are the dimensions between one side of the provision and the nearest interference or obstruction. Either side of the provision may be used as the datum from which to measure C_L and C_S .

E is the dimension between the outside edge of D and the nearest interference or obstruction.

Figure 6 - Lifting and Tiedown Dimensions

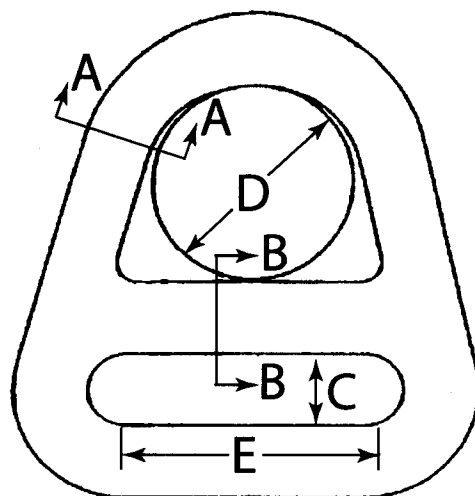
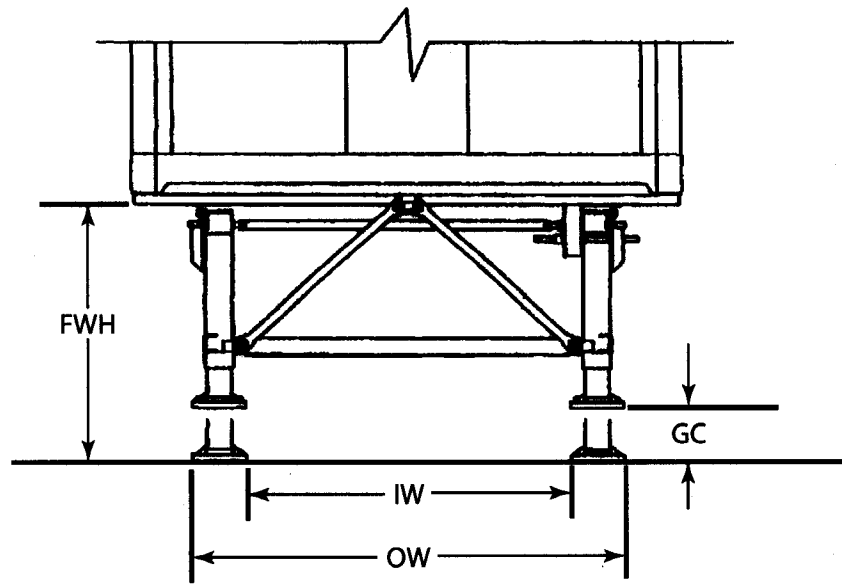


Figure 7 - Cargo Tiedown Dimensions



FWH - Fifth wheel height
 GC - Ground clearance
 IW - Inside width
 OW - Outside width
 L - Length of landing leg pad
 W - Width of landing leg pad

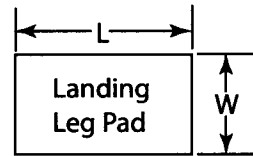


Figure 8 - Landing Leg Dimensions

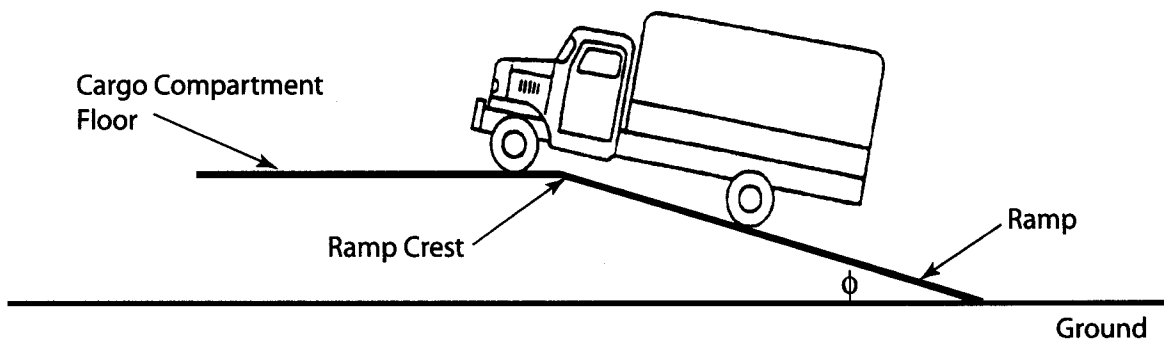


Figure 9 - Ramp Crest Angle

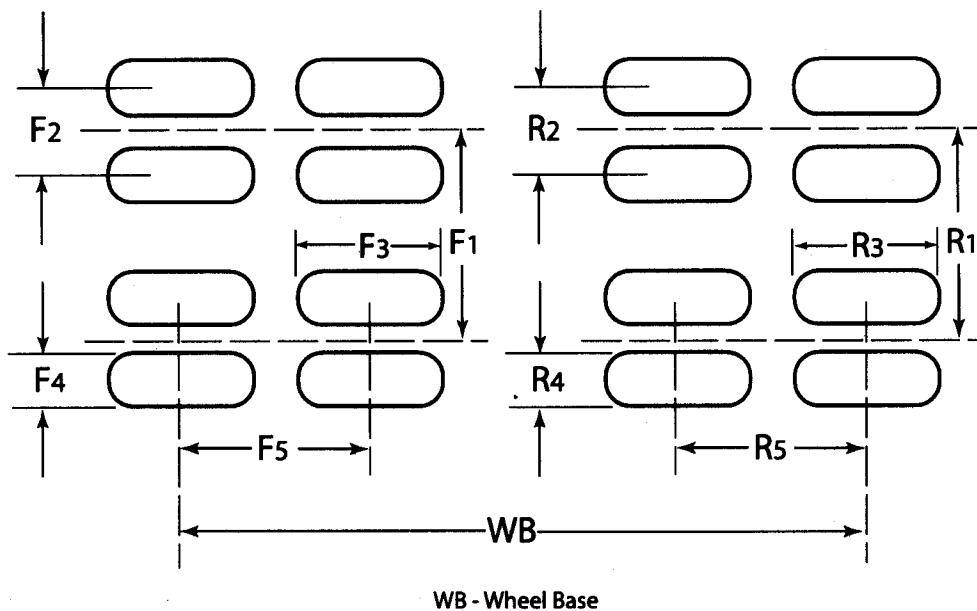
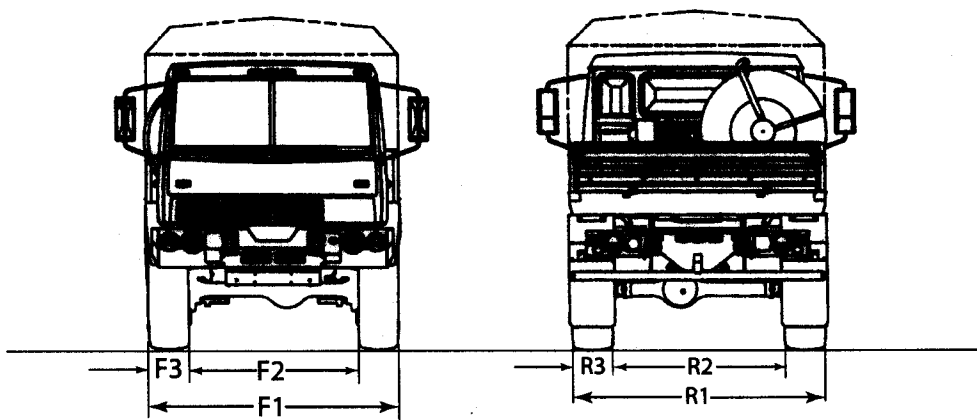


Figure 10 - Tire Footprint Area



- F1 - Outside distance between tires
- F2 - Inside distance between tires
- F3 - Front tire width (to include tire bulge in transport configuration)
- R1 - Outside distance between tires
- R2 - Inside distance between tires
- R3 - Rear tire width (to include tire bulge in transport configuration)

Figure 11 - Axle Tracking Width

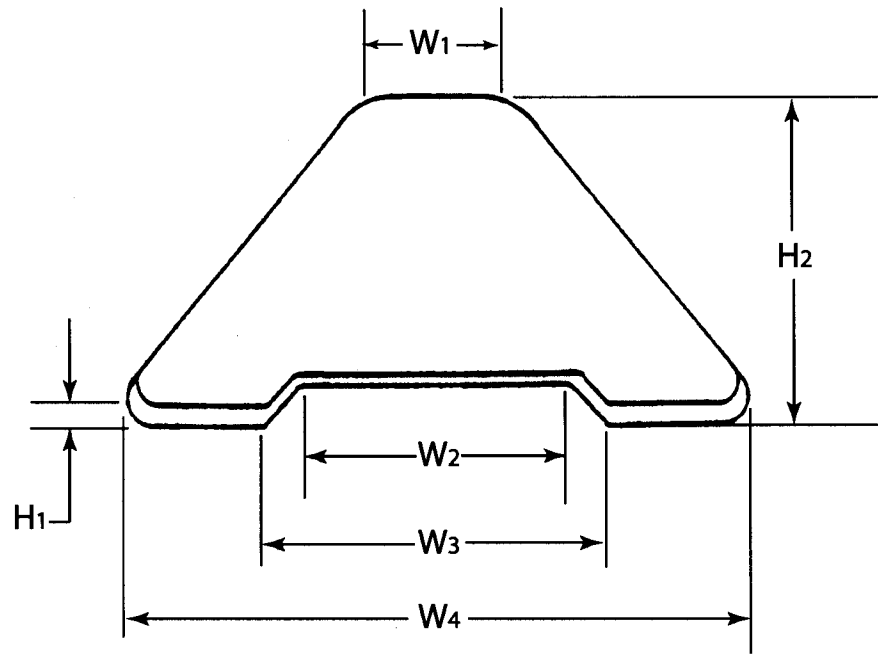


Figure 12 - Track Shoe Pad Dimensions (footprint data)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503

1. TITLE

CAMOUFLAGE LINE ART DATA

2. IDENTIFICATION NUMBER

DI-MISC-80176A

3. DESCRIPTION / PURPOSE

3.1 This Data Item Description (DID) identifies the format and content requirement covered by the specific and discrete task for contractor to prepare this data product identified in the contract Statement of Work (SOW).

3.2 Camouflage Line Art Data provides the Government with technical information to be used in the development of camouflage patterns.

4. APPROVAL DATE
(YYMMDD)

97/12/12

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

ARMY-CR4

6a. DTC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP

7.1 This DID contains the format and content preparation instruction for the data product generated by the specific and discrete task requirement for this data included in the contract.

7.2 This DID replaces DI-MISC-80176.

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

A3864

10. PREPARATION INSTRUCTIONS

10.1 Contract. This data is generated by the contract which contains a specific and discrete work task to develop this data product.

10.2 Format and Content. ~~Camouflage Line Art Data shall be prepared on approximately 22"W X 34"L paper to a scale of 1/8 inch for items with an overall length of 25 feet or less and 1/10 inch scale for items of more than 25 feet.~~ Separate Camouflage Line Art Data shall be prepared depicting each of the following views:

- a. front c. top e. left side f. all hidden views (hidden views are those areas requiring camouflage coloration that are not apparent from the other views. Included are variations in the appearance of the item that result when the deployed item is taken from a stand-by condition and placed into a ready-for-use or use condition).
- b. back d. right side

10.2.1 All Camouflage Line Art Data shall include length, width and height dimensions relative to each other and shall be detailed to the extent that all surface features of the item that cover one square inch or more of area are clearly delineated to scale.

10.2.2 The right lower corner of each sheet of Camouflage Line Art Data shall contain the following information:

- Nomenclature of the item depicted.
- View depicted.
- Number of the contract under which the Line Art is furnished.

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

DATA ITEM DESCRIPTION

Title: TECHNICAL REPORT - STUDY/SERVICES

Number: **DI-MISC-80508A**

Approval Date: 7 November 2000

Office of Primary Responsibility: G/TS-ALS

GIDEP Applicable: No

Applicable Forms: No

AMSC Number: G7408

DTIC Applicable: Defense Technical Information Center (DTIC), 8725 John J. Kingman Rd., Ste. 0944, Ft. Belvoir, VA 22060-6218

Use/Relationship

A technical report provides fully documented results of studies or analyses performed.

This data item description contains the format and content instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

This DID supersede DI-MISC-80508.

Requirements:

1. Format.

(a) The report and all attachments shall be typewritten, or otherwise clearly lettered, ~~and shall be duplicated using non-fading ink.~~

~~(b) Text shall be prepared on standard letter size paper (8 1/2" x 11").~~

~~(c) When attachments are included, they shall be fully identified, referenced in the text, and folded to conform to the size paper used in the report.~~

(d) Security classification and distribution markings shall conform to the requirements of the contract, purchase description and security requirements checklist, as applicable.

2. Content.

(a) Title Page - Identifies the report by providing contract number, project name or purchase description title, task number, and reporting period.

(b) Table of Contents

(c) Section I - Includes the following:

(1) Introduction

(2) Summary - A brief statement of results obtained from the analytic effort.

(3) Conclusions and their condensed technical substantiation's.

(d) Section II - A complete and detailed description of the analytic results which led to the conclusions stated in Section I above.

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing information, sending comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Service, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE

CONTRACT FIELD SERVICE REPORT

2. IDENTIFICATION NUMBER

DI-MENT-81238

3. DESCRIPTION/PURPOSE

3.1 This report documents the Contractor Field Representative's time distribution, work accomplished, on-the-job training provided, and equipment availability during the Interim Support Period.

4. APPROVAL DATE (TIMED)

910823

5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)

M/WTSC-431

6a. DTIC APPLICABLE

6b. GIDEP APPLICABLE

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID is required when Contract Field Services is a contract line item.

7.3 This DID supersedes UDI-L-25514C

8. APPROVAL LIMITATION

9a. APPLICABLE FORMS

9b. AMSC NUMBER

86688

10. PREPARATION INSTRUCTIONS

10.2 Format. The report shall be typed on 8 1/2 x 11 inch paper.

10.2 Content. The report shall contain the following:

10.2.1 To. (Self explanatory)

10.2.2 Device name. Identify by nomenclature the equipment which is the subject of the report.

10.2.3 Device number. Identify the Government equipment designation number.

10.2.4 Device serial number. Identify by Government serial number, if applicable.

10.2.5 Activity. Indicate activity serviced and location of equipment.

10.2.6 Name of senior contractor field service representative. List additional contractor personnel in 10.2.15.

10.2.7 Contractor. Name of contractor providing support service.

10.2.8 Contract number. Self-explanatory

10.2.9 Interim Support Period. Indicate starting and completion dates.

10.2.10 Date of report. Enter the date that the report is filled out.

10.2.11 Period Covered. Enter the dates covered by the report; e.g., 11/6 through 11/24/90.

10.2.12 Report number. Number reports sequentially throughout the Interim Support Period.

10.2.13 Personnel time distribution. Show time distribution of all contractor personnel, e.g., operation 10 hours, verification of documentation 10 hours, maintenance 20 hours.

10.2.14 Hours equipment down. Indicate the number of hours that the equipment was down and not available for use.

10.2.14a Remarks. Give a brief statement as to why the equipment was down and not available for use, i.e., if modification, give control number, contract number, TCP number, etc.

11. DISTRIBUTION STATEMENT

Block 10, Preparation Instructions (Continued)

10.2.15. Summary of work accomplished:

- a. Maintenance. Provide a narrative summary of work accomplished citing troublesome or problem areas.
- b. Modification. Describe all changes made to equipment configuration and what action has been taken to incorporate the changes into other units of the same type. If the change was not initiated by the government, state the related documentation which will be updated to reflect these changes.
- c. Engineering. Describe the nature and extent of the engineering effort and the area(s) of the equipment involved.
- d. Instruction. Describe the nature and extent of instruction. Include the name of person(s) giving the instruction and titles and rank of students.
- e. Operation of equipment. Describe the nature and the extent of operation required by contractor personnel.
- f. Miscellaneous. The following dates are required for record purposes:
 - (1) Arrival of equipment on-site for installation.
 - (2) Completion of installation
 - (3) Start of acceptance testing, include name(s) of Government and Contractor representatives participating in acceptance tests.
 - (4) Completion date of acceptance testing.
 - (5) Start date of the Interim Support Period.

10.2.16. Signature of senior contract representative. Signature of the Senior person on site.

10.2.17. Security classification of report. Report originator will ensure proper classification in accordance with existing government regulations.

10.2.18. Signature of field engineering representative. This signature does not attest to the validity of the report.

a. Remarks. Pertaining to the contents of the report, the status of the equipment or other pertinent information.

10.2.19. Signature of cognizant officer in charge. Reviewed and signed by the designated military officer in charge/petty officer in charge and to attest to the accuracy of Item 10.2.13 (Personnel Time Distribution).

a. Remarks. Pertaining to the contents of the report, the status of the equipment, or other pertinent information.

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. TITLE Failure Analysis and Corrective Action Report			2. IDENTIFICATION NUMBER DI-RELI- 81315	
3. DESCRIPTION/PURPOSE 3.1 Provides immediate reporting of failure and subsequent details failure analysis results and corrective action recommendation.				
4. APPROVAL DATE (YYMMDD) 930125	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) G/Y224	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data resulting from the work task as described by MIL-STD-781D and MIL-STD-785B. 7.2 This DID supersedes DI-R-5299C.				
8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER G6891		
10. PREPARATION INSTRUCTIONS 10.1 <u>Reference documents</u> . The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract. 10.2 <u>Content</u> . The report shall contain the following: a. Failure Analysis Report Number. (See 10.5) b. Contract number. c. Equipment title. d. Equipment serial number. e. Date of failure. f. Test failed. g. Effect on equipment. <div style="text-align: right;">(Continue on Page 2)</div>				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

10. PREPARATION INSTRUCTIONS (Continued)

- h. Total test time at failure.

10.3 Preliminary Report. Content and format shall be as follows:

10.3.1 Content.

- a. Originator of the report.
- b. Date of the failure.
- c. Date of the report.
- d. Contractor's name.
- e. Failure Analysis Report Number. (See 10.5)
- f. Contract number.
- g. Equipment, title, part number, and serial number.
- h. Assembly title, part number, and serial number.
- i. Subassembly title, element or module title, part number, and serial number.
- j. Part name, part number, serial number, date code, and manufacturer.
- k. Name and specification of test failed.
- l. Elapsed time and phase of test failed.
- m. Total operation time of unit at time of failure.
- n. Failure symptoms.
- o. Failure mode.
- p. Classification failure (independent or dependent).
- q. Type of failure from Failure Keyword List. (See 10.7)
- r. Disposition of failed item.
- s. Any supplemental information relating to the failure (i.e., any internal contractor assessments, records, reports, correspondence, etc.).

~~10.3.2 Format. The report may be handwritten and legible.~~

10. PREPARATION INSTRUCTIONS (Continued)**10.4 Final Report**

10.4.1 Content. The final report shall contain the items required in the Preliminary Report and the following additional items shall be included:

- a. Reference-Failure Analysis Report Number (see 10.5)
- b. Failure Analysis methods.
- c. Failure Analysis results.
- d. Statement as to whether this is a pattern failure. If it is, the reports of the other failure(s) will be referenced.
- e. Corrective action:
 - (1) Action on individual equipment failure.
 - (2) Measures to prevent other failures.

10.4.2 Format. The same format may be used for both Preliminary report and Final report.

10.5 Failure Analysis Number

a. **Format.** In accordance with the format code: X - N - T - F1 -F2

- (1). X is the equipment type number.
- (2). N is the sequential failure number.
- (3). T is the test phase in which the failure occurred.

- (a) T=A for acceptance test.
- (b) T=B for subassembly test.
- (c) T=C for receiving inspection.
- (d) T=D for reliability test.
- (e) T=E for qualification test.
- (f) T=F for system/equipment burn-in.
- (g) T=G for system integration.

(4). F1 is the total number of failures of the same part number (i.e., resistor, capacitor, inductor, transistor, etc.) manufactured by the same vendor.

10. PREPARATION INSTRUCTIONS (Continued)

(5). F2 is the total number of occurrences of a specified failure mechanism of the same part number manufactured by the same vendor.

10.6 Nonrelevant and Unverified Failures. Nonrelevant and unverified failures shall not have the F1 and F2 numbers assigned because these types of failures do not relate to a part type failure. Instead, these failures shall be coded as "NR" for a nonrelevant failure and "UV" for an unverified failure.

10.7 Failure Keyword List.

10.7.1 Content. The content shall include:

- (1) Workmanship.
- (2) Handling.
- (3). Process.
- (4). Design.
- (5). Marking.
- (6). Test Equipment.
- (7). Contamination.
- (8). Open Bond Wire.
- (9). Electrical Short.
- (10). Electrical Open.
- (11). Software.
- (12). Mechanical.
- (13). Nonrelevant.
- (14). Under Investigation.
- (15). Unknown.
- (16). Unverified.
- (17). Glitch.
- (18). Testing Error.
- (19). Tolerance.

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.</p>				
1. TITLE		2. IDENTIFICATION NUMBER		
Scientific and Technical Reports		DI-MISC-80711A		
<p>3. DESCRIPTION/PURPOSE</p> <p>3.1 Scientific and Technical Reports document and disseminate the precise nature and results of analytical studies, research, development, test and evaluation (RDT&E) on an assigned task(s) to the analytical, scientific, technical and management community. Scientific and Technical Reports, may be definitive for the subject presented, exploratory in nature, or an evaluation of critical subsystem or of technical problems.</p>				
4. APPROVAL DATE (YYYYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
20000121	L/DD	X		
<p>7. APPLICATION/INTERRELATIONSHIP</p> <p>7.1 This DID contains the format requirements and preparation instructions for the information product generated by the specific and discrete task requirement as delineated in the contract.</p> <p>7.2 This DID is applicable to the elements, organization and design of technical publications.</p> <p>7.3 This DID supersedes UDI-S-23272C, DI-S-4057, DI-S-3591A, and DI-MISC-80711.</p> <p>7.4 Defense Technical Information Center (DTIC), 8725 John J. Kingman Rd., Ste. 0944, Ft. Belvoir, VA 22060-6218</p>				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER	
		SF 298	L7382	
<p>10. PREPARATION INSTRUCTIONS</p> <p>10.1 <u>Reference document.</u> The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.</p> <p>10.2 Document format shall be in accordance with ANSI/NISO Z39.18 Scientific and Technical Reports -- Elements, Organization, and Design.</p> <p>10.3 Document content shall be clearly written, describe accomplishments and other facts adequately with no technical errors, and be acceptable for release. If marked unclassified, unlimited, they should be accompanied by a letter certifying that the documents have been cleared for public release and sale, to include foreign nationals.</p>				
<p>11. DISTRIBUTION STATEMENT</p> <p>Distribution Statement A: Approved for public release; distribution is unlimited.</p>				